

Standard Statement:

The Laboratory's quality goals are to fulfill its mission and commitments using nationally recognized standards and good business practices, sound engineering judgment, and preeminent scientific principles by integrating quality requirements in all aspects of work activities, in its conduct of science, in its business model, and in its partnerships with other institutions, government agencies, and private industry.

Performance Criteria:

1. Using a graded approach, quality assurance criteria shall be tailored to integrate the institution's management systems for accomplishing and assessing work.
 - a. A graded approach shall be used in the implementation of the processes and application of the requirements to ensure the quality assurance criteria are integrated into all of the institution's work activities.
 - b. The extent of the implementation of formal controls and the magnitude of resources expended shall be tailored to the work, the hazards, and the associated risks.
 - c. Specific customer, facility, program, functional and operational requirements shall be established, integrated into prescribed work control processes, implemented, assessed, and continuously improved.
2. To ensure science and work products consistently meet technical and quality requirements:
 - a. Activity plans must be developed and specific management controls must be established to ensure that only qualified personnel and safe equipment are applied during accomplishment of its prescribed work processes.
 - b. The work must be performed by implementing the prescribed processes and records of the results must be retained.
 - c. The work processes and products must be assessed to affect improvement.
3. The requirements and guidance contained in 10 CFR 830, "Nuclear Safety Management Quality Assurance", Subpart A (830.122) (http://www.access.gpo.gov/nara/cfr/cfrhtml/00/Title_10/10cfr830_00.html), DOE O 414.1A, "Quality Assurance" (<http://www.directives.doe.gov/pdfs/doe/doetext/neword/414/o4141ac1.pdf>), DOE/AL QC-1, "Quality Criteria" (when mandated by the customer) (<http://prp.lanl.gov/documents/qc-1.asp>), and DOE G 414.1-2, "Quality Assurance Management System Guide for 10 CFR 830.120 and DOE O 414.1" (<http://www.directives.doe.gov/pdfs/doe/doetext/neword/414/g4141-2.pdf>) shall be integrated into the institution's requirements and implemented through the application of controls that address the hazards and risks associated with the work activities.

Contractual Work Smart Standards and related documents:

10 CFR 830 Subpart A, "Nuclear Safety Management Quality Assurance"

DOE O 414.1A, "Quality Assurance"

DOE/AL QC-1, "Quality Criteria"

DOE G 414.1-2, "Quality Assurance Management System Guide for 10 CFR 830.120 and DOE O 414.1"

LANL LA-UR-03-2355, "Institutional Quality Management Program Description"

LANL LA-UR-98-2837, "Integrated Safety Management"